

# INTERNATIONAL SEARCH REPORT

International Application No

GB2004/001378

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01V1/28

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01V

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FR 2 553 522 A (GEOSTOCK) 19 April 1985 (1985-04-19)	1,5, 10-12, 17-19
A	abstract; figure 1 page 3, line 28 - line 31  page 4, line 4 - line 7	7,9,14, 16
X	WO 03/023451 A (INPUT OUTPUT INC) 20 March 2003 (2003-03-20) abstract; figures 1,2 page 1, line 21 - page 2, line 33 page 4, line 23 - line 32	1,2,4-19
X	US 6 430 105 B1 (STEPHEN GORDON) 6 August 2002 (2002-08-06) cited in the application column 5, line 46 - line 54; figure 4	1,5-19
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

### \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\* & \* document member of the same patent family

Date of the actual completion of the international search

20 July 2004

Date of mailing of the international search report

28/07/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

De Bekker, R

# INTERNATIONAL SEARCH REPORT

International Application No  
GB2004/001378

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 2 309 082 A (GECO AS) 16 July 1997 (1997-07-16) cited in the application abstract; figure 2 page 17, line 29 - line 32 page 20, line 18 - line 24 -----	2-4
X	WO 01/53854 A (SCHLUMBERGER CA LTD ; SCHLUMBERGER HOLDINGS (CA); SCHLUMBERGER SERVICE) 26 July 2001 (2001-07-26) abstract; figure 8 page 7, line 1 - line 10 -----	1,5,10, 12

# INTERNATIONAL SEARCH REPORT

International Application No

GB2004/001378

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
FR 2553522	A	19-04-1985	FR 2553522 A1	19-04-1985
WO 03023451	A	20-03-2003	WO 03023451 A1	20-03-2003
			US 2003081501 A1	01-05-2003
US 6430105	B1	06-08-2002	GB 2338063 A ,B	08-12-1999
GB 2309082	A	16-07-1997	AU 720293 B2	25-05-2000
			AU 1550497 A	01-08-1997
			CA 2240857 A1	17-07-1997
			CN 1207177 A ,B	03-02-1999
			EA 523 B1	28-10-1999
			EP 0873528 A1	28-10-1998
			WO 9725632 A1	17-07-1997
			NO 983149 A	08-07-1998
			US 5971095 A	26-10-1999
WO 0153854	A	26-07-2001	AU 2691601 A	31-07-2001
			AU 2692001 A	31-07-2001
			CA 2397664 A1	26-07-2001
			CA 2397891 A1	26-07-2001
			CN 1404581 T	19-03-2003
			CN 1404582 T	19-03-2003
			EP 1248957 A1	16-10-2002
			EP 1254383 A1	06-11-2002
			GB 2358468 A ,B	25-07-2001
			GB 2358469 A ,B	25-07-2001
			WO 0153853 A1	26-07-2001
			WO 0153854 A1	26-07-2001
			NO 20023470 A	18-09-2002
			NO 20023471 A	19-09-2002
			US 2003076741 A1	24-04-2003
			US 2003117894 A1	26-06-2003